

FIG. 1 is a schematic diagram of a system for providing a controlled environment for a subject. The system includes a subject chamber 10, a gas supply system 20, and a gas exhaust system 30. The gas supply system 20 includes a gas source 22, a gas flow controller 24, and a gas inlet 26. The gas exhaust system 30 includes a gas outlet 32, a gas flow controller 34, and a gas exhaust duct 36. The subject chamber 10 includes a subject 12, a gas inlet 14, a gas outlet 16, and a gas flow controller 18. The system is configured to provide a controlled environment for the subject by regulating the flow of gas into and out of the subject chamber.

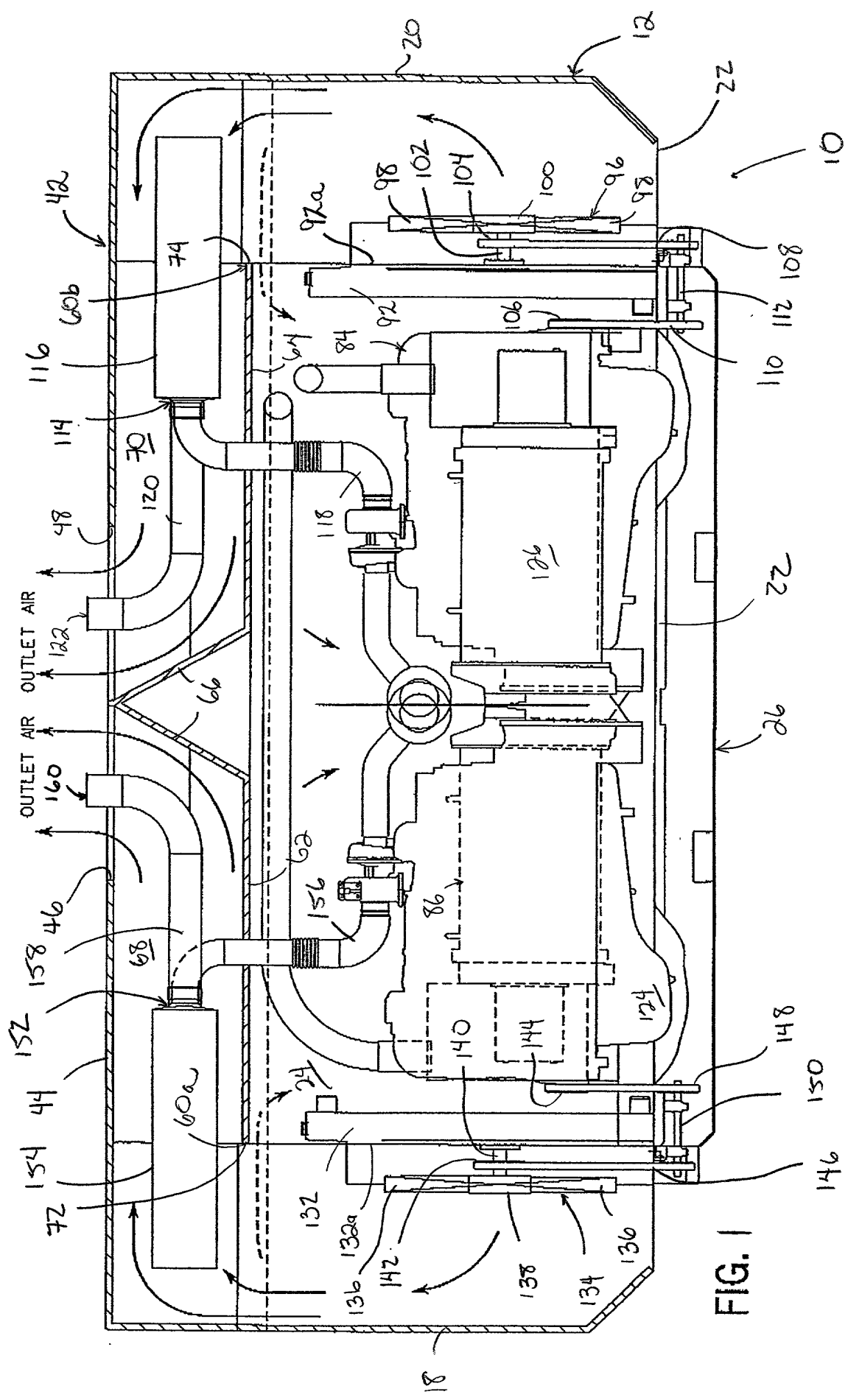
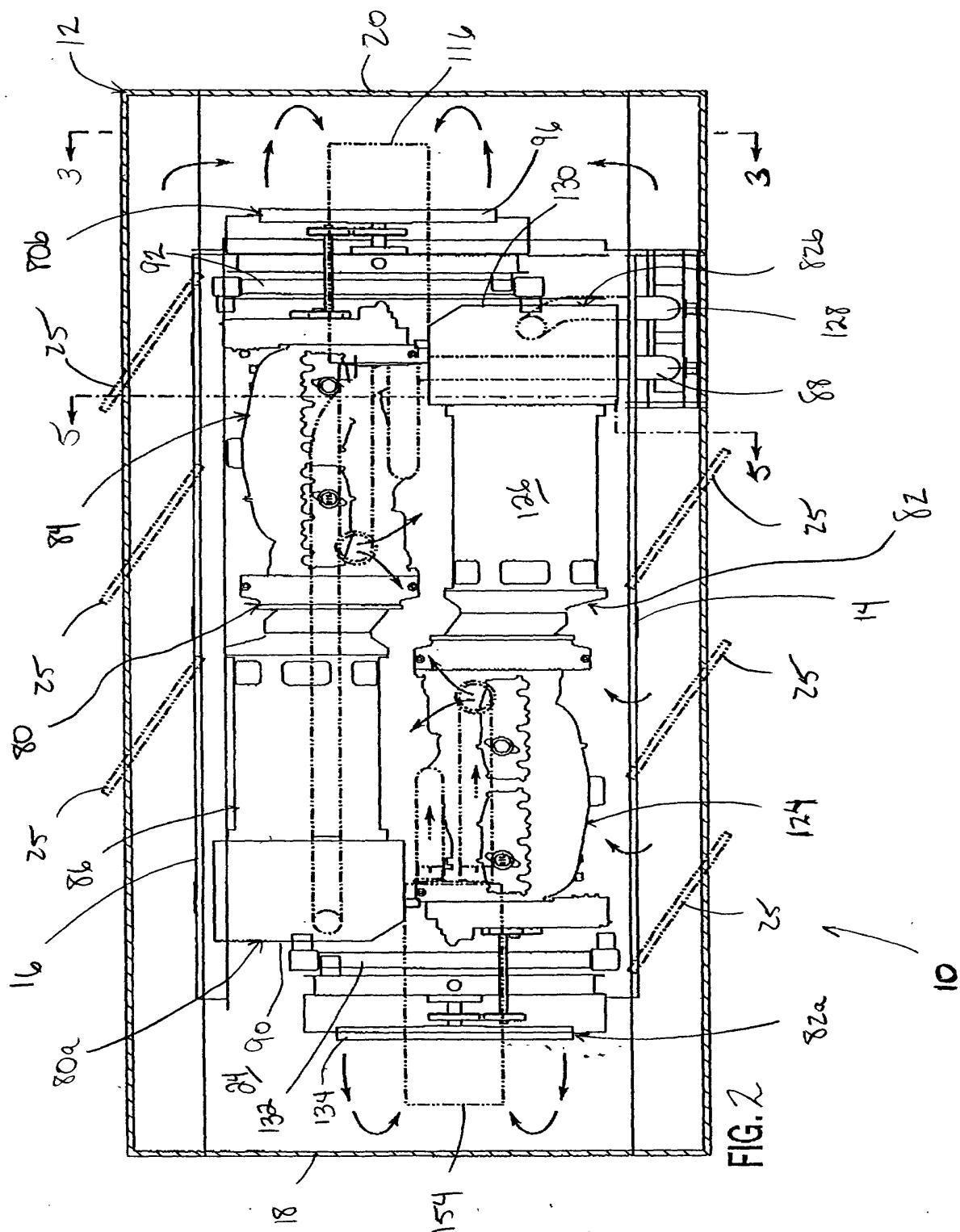


FIG. 1



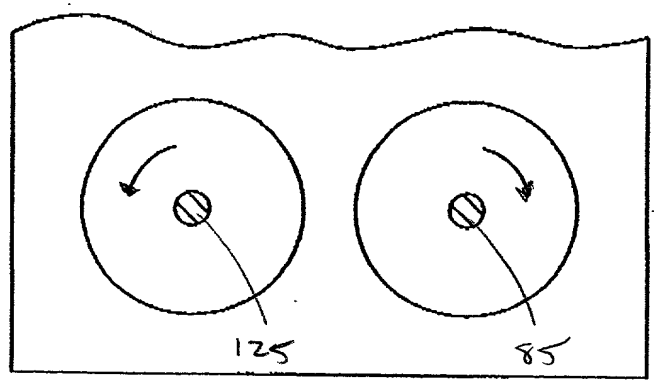
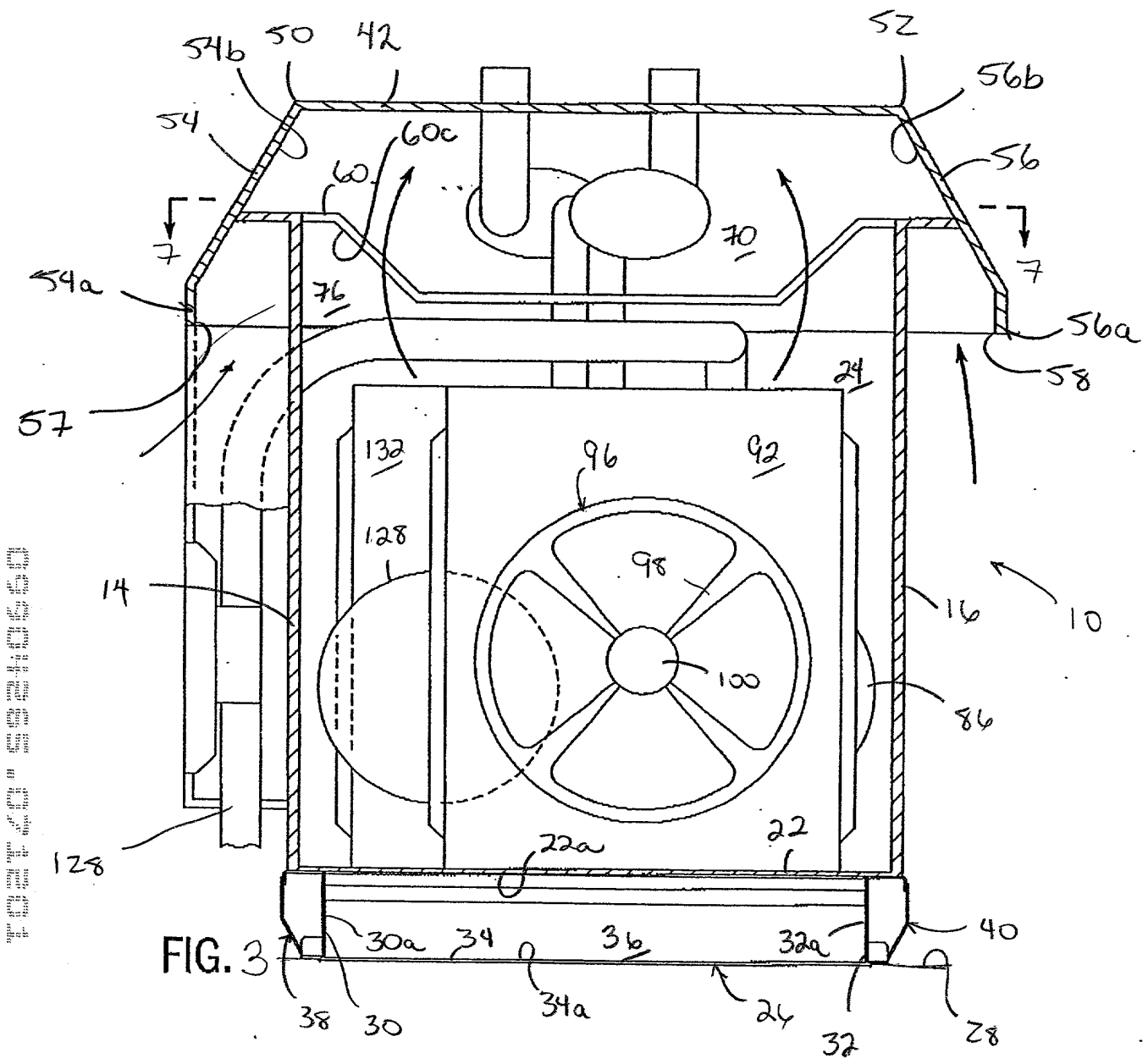
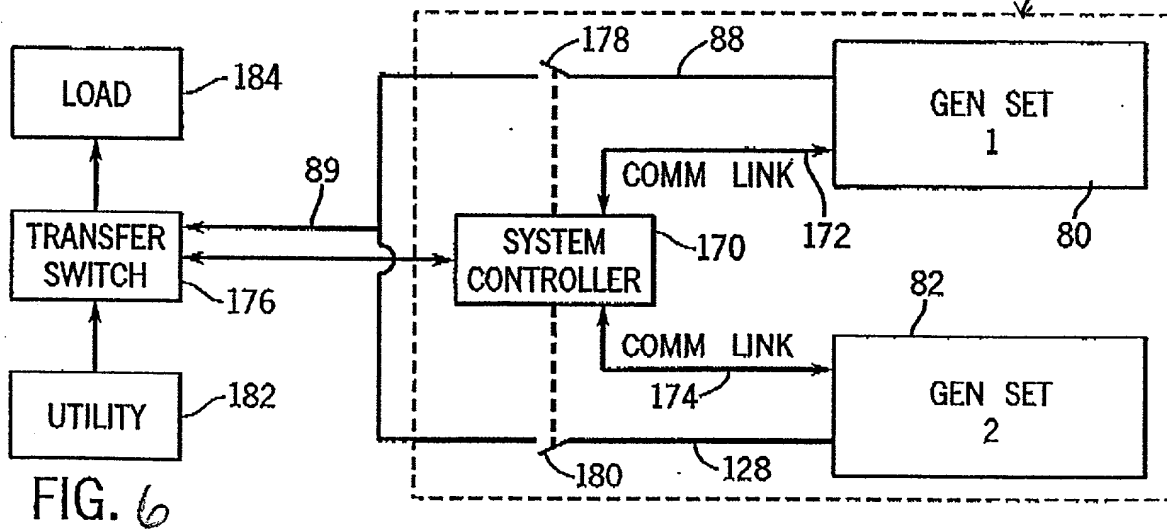
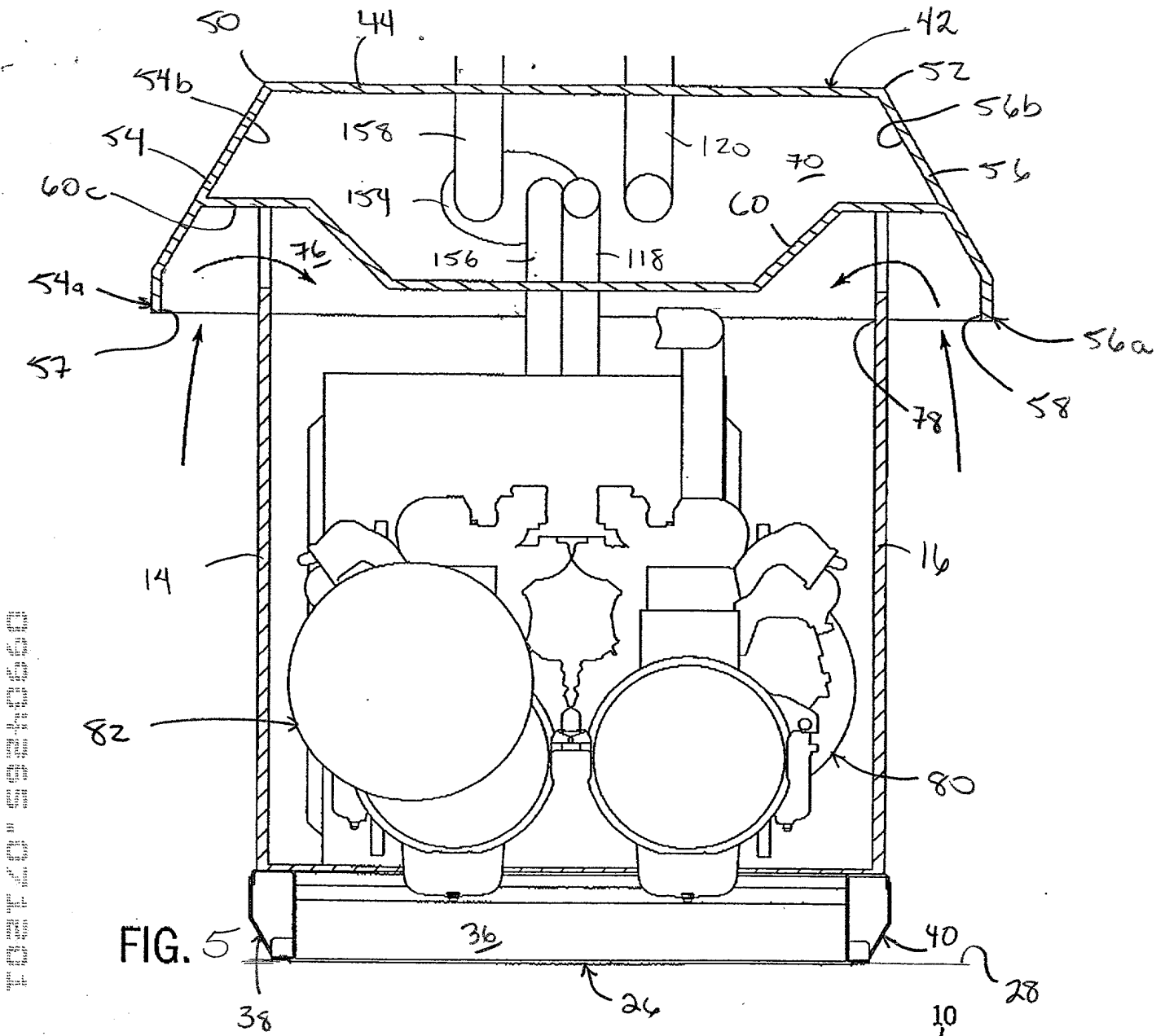


FIG. 4



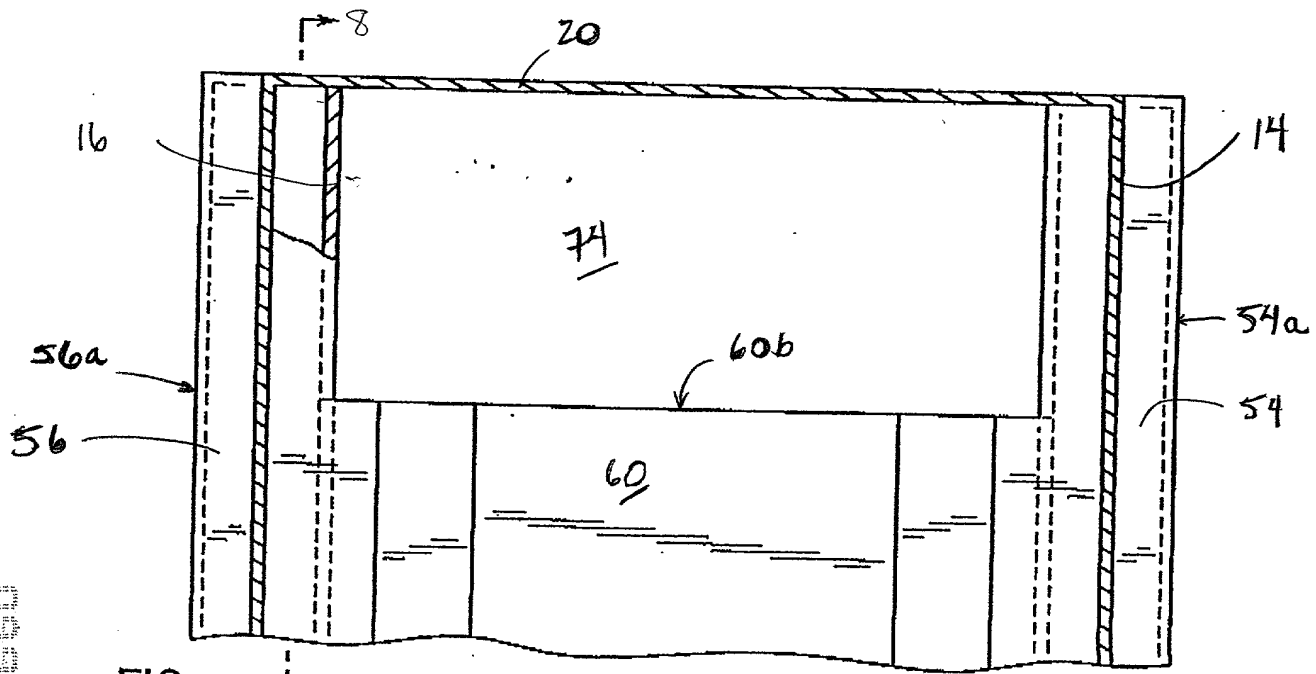


FIG. 7

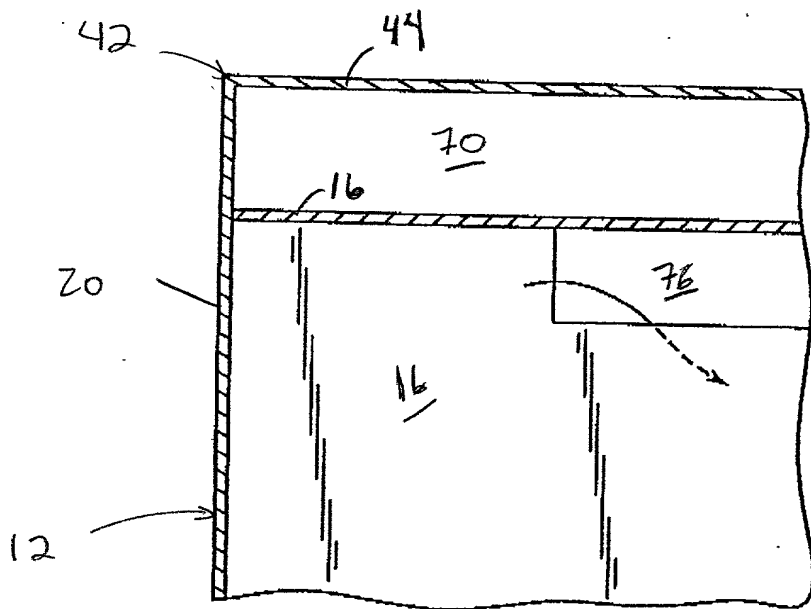


FIG. 8